

**PETITION FOR REVIVAL OF AN APPLICATION FOR PATENT
ABANDONED UNINTENTIONALLY UNDER 37 CFR 1.137(b)**

Docket Number (Optional)
481062.408C1

First named inventor: **Denis Jolivet**

Application No.: **10/667,989**

Art Unit: **2872**

Filed: **September 22, 2003**

Examiner: **James Phan**

**Title: METHOD AND APPARATUS FOR GENERATING AN ANGULAR SWEEP OF A
DIRECTED PROPAGATION OF ELECTROMAGNETIC RADIATION**

Attention: Office of Petitions
Mail Stop Petition
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450
Fax: (571) 273-8300

NOTE: If information or assistance is needed in completing this form, please contact
Petitions Information at (571) 272-3282.

The above-identified application became abandoned for failure to file a timely and proper reply to a notice or action by the United States Patent and Trademark Office. The date of abandonment is the day after the expiration date of the period set for reply in the office notice or action plus any extensions of time actually obtained.

APPLICANT HEREBY PETITIONS FOR REVIVAL OF THIS APPLICATION

NOTE: A grantable petition requires the following items:

- (1) Petition fee;
- (2) Reply and/or issue fee;
- (3) Terminal disclaimer with disclaimer fee - required for all utility and plant applications filed before June 8, 1995; and for all design applications; and
- (4) Statement that the entire delay was unintentional.

1. Petition fee

☐ Small entity - fee \$ _____ (37 CFR 1.17(m)). Applicant claims small entity status. See 37 CFR 1.27.

☒ Other than small entity - fee **\$1,500** (37 CFR 1.17(m))

2. Reply and/or fee

A. The reply and/or fee to the above-noted Office action in
the form of **Amendment** (identify type of reply):

- ☐ has been filed previously on _____ .
☒ is enclosed herewith.

B. The issue fee and publication fee (if applicable) of \$ _____

- ☐ has been paid previously on _____ .
☐ is enclosed herewith.

3. Terminal disclaimer with disclaimer fee

- ☒ Since this utility/plant application was filed on or after June 8, 1995, no terminal disclaimer is required.
- ☐ A terminal disclaimer (and disclaimer fee (37 CFR 1.20(d)) of \$_____ for a small entity or \$_____ for other than a small entity) disclaiming the required period of time is enclosed herewith (see PTO/SB/63).

4. STATEMENT: The entire delay in filing the required reply from the due date for the required reply until the filing of a grantable petition under 37 CFR 1.137(b) was unintentional. [NOTE: The United States Patent and Trademark Office may require additional information if there is a question as to whether either the abandonment or the delay in filing a petition under 37 CFR 1.137(b) was unintentional (MPEP 711.03(c), subsections (III)(C) and (D)).]

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

Eric M. Ringer
Signature

March 8, 2007
Date

Eric M. Ringer
Typed or printed name

47,028
Registration Number, if applicable

701 Fifth Avenue, Suite 5400
Address

(206) 622-4900
Telephone Number

Seattle, Washington 98104
Address

Enclosures: ☒ Fee Payment

☒ Reply

☐ Terminal Disclaimer Form

☒ Additional sheets containing statements establishing unintentional delay

☐ Other: _____

CERTIFICATE OF MAILING OR TRANSMISSION [37 CFR 1.8(a)]

I hereby certify that this correspondence is being:

- ☐ Deposited with the United States Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to: **Mail Stop Petition**, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.
- ☐ Transmitted by facsimile on the date shown below to the United States Patent and Trademark Office at (571) 273-8300.

Date

Signature

Typed or printed name
of person signing certificate



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Denis Jolivet
Application No. : 10/667,989
Filed : September 22, 2003
For : METHOD AND APPARATUS FOR GENERATING AN
ANGULAR SWEEP OF A DIRECTED PROPAGATION OF
ELECTROMAGNETIC RADIATION

Examiner : James Phan
Art Unit : 2872
Docket No. : 481062.408C1
Date : March 8, 2007

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

DECLARATION OF ERIC M. RINGER IN SUPPORT OF
PETITION FOR REVIVAL UNDER 1.137(b)

Commissioner for Patents:

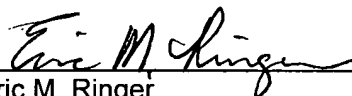
1. I am a patent agent (Registration number 48,027) with the firm of Seed Intellectual Property Law Group PLLC, having a principal place of business at:
701 Fifth Avenue
Suite 5400
Seattle, Washington 98104.
2. I am an attorney of record in the subject application by way of a Power of Attorney filed on February 8, 2007. Correspondence attached as Exhibit A.
3. I am personally aware of the facts recited in this declaration.
4. Intermec IP Corp. is a wholly owned subsidiary of Intermec Technologies Corp. and is the assignee of U.S. patent application Serial No. 10/667,989, filed on September 22, 2003 (hereinafter the subject application).

5. On June 28, 2006, the U.S. Patent Office mailed an Ex parte Quayle Office Action having a shortened statutory response period set to expire on August 28, 2006 to Orum & Roth LLC.
6. Between August 1 and August 23, 2006, responsibility for the subject application was transferred by Intermec Technologies Corp. from Keith H. Orum (Registration No. 33,985) of Orum & Roth LLC to Seed Intellectual Property Law Group PLLC. Correspondence attached as Exhibit B.
7. On August 23, 2006, electronic papers were sent to Carol Richards, Legal Secretary, at Intermec Technologies Corp. The electronic papers were entitled 1) Revocation Of Power Of Attorney With New Power Of Attorney And Change Of Correspondence Address, and 2) Statement Under 37 CFR 3.73(b). Correspondence is attached as Exhibit C.
8. U.S. Patent Office records' show that a response to the Ex parte Quayle Office Action was filed by Keith H. Orum on August 28, 2006, which was not entered and which is attached as Exhibit D.
9. On October 17, 2006, I mailed a response entitled "Supplemental Amendment After Allowance," which was not entered and which is attached as Exhibit E.
10. On December 28, 2006, the statutory time period for responding to the Ex parte Quayle Office Action expired.
11. On January 18, 2007, the U.S. Patent Office mailed an Advisory Action to Orum & Roth indicating that the August 28 Response and the October 17 Response were not entered. Correspondence is attached as Exhibit F.
12. The Advisory Action was stamped as being received by Orum & Roth on January 23, 2007. See Exhibit F.
13. On February 8, 2007, a Revocation and Substitute Power of Attorney was filed transferring power of attorney from Keith Orum to practitioners associated with Customer Number 35243.
14. Orum and Roth forwarded a first copy of the Advisory Action to Seed Intellectual Property Law Group PLLC, which is stamped as being received on March 2, 2007, by Seed Intellectual Property Law Group PLLC. See Exhibit F.

15. Orum and Roth forwarded a second copy of the Advisory Action to Intermec Technologies Corp, which is stamped as being received on March 5, 2007, by Intermec Technologies Corp. See Exhibit G.
16. On March 5, 2007, I personally became aware of the Advisory Action.
17. On March 6, 2007, we performed an audit of our file for the subject application, comparing our file with Public PAIR.
18. On March 7, 2007, I began preparing a Response to the Ex parte Quayle Office Action mailed June 28, 2006, and a petition to revive the subject application.
19. On March 8, 2007, I filed the Petition to Revive in the U.S. Patent Office along with the appropriate fee, and a Response to the Office Action mailed June 28, 2006.
20. We have standing instructions from Intermec Technologies Corp. to maintain the pendency of patent applications including the subject application. Consequently, there was no intent to allow the subject application to become abandoned.

I further declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further, that these statements were made with the knowledge that the making of willfully false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

EXECUTED this 8th day of March, 2007.


Eric M. Ringer
Registration No. 47,028

701 Fifth Avenue, Suite 5400
Seattle, Washington 98104-7092
Phone: (206) 622-4900
Fax: (206) 682-6031
(EMR) 918331_1.DOC



REVOCATION OF POWER OF ATTORNEY WITH NEW POWER OF ATTORNEY AND CHANGE OF CORRESPONDENCE ADDRESS	Application Number	10/667,989
	Filing Date	September 22, 2003
	First Named Inventor	Denis Jolivet
	Art Unit	2872
	Examiner Name	James Phan
	Attorney Docket Number	481062.408C1

I hereby revoke all previous powers of attorney given in the above-identified application.

☐ A Power of Attorney is submitted herewith.

OR

☒ I hereby appoint the practitioners at Seed IP Law Group PLLC, Customer Number: **35243**

☒ Please change the correspondence address for the above-identified application to:

☒ The address associated with Customer Number **35243**

OR

<input type="checkbox"/> Firm or Individual Name					
Address					
City		State		Zip	
Country					
Telephone		Email			

I am the:

☐ Applicant/Inventor.

☒ Assignee of record of the entire interest. See 37 CFR 3.71.
Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96)

☒ As assignee of record of the entire interest I/we hereby elect, under 37 CFR 3.71,
to prosecute the application to the exclusion of the inventor(s).

SIGNATURE of Applicant or Assignee of Record

Signature	<i>Robert G. Rainier</i>	Date	January 18, 2007
Name	Robert G. Rainier		
Title and Company (Assignee)	Vice President Intermec IP Corp.		

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required.
Submit multiple forms if more than one signature is required, see below*.

☐ *Total of _____ forms are submitted.

SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

865537_1.DOC

A

STATEMENT UNDER 37 CFR 3.73(b)

Applicant/Patent Owner: Denis Jolivet

Application No./Patent No.: 10/667,989 Filed/Issue Date: September 22, 2003

Entitled: METHOD AND APPARATUS FOR GENERATING AN ANGULAR SWEEP OF
A DIRECTED PROPAGATION OF ELECTROMAGNETIC RADIATION

Intermec IP Corp.

(Name of Assignee)

a

corporation

(Type of Assignee, e.g., corporation, partnership,
university, government agency, etc.)

states that it is:

1. ☒ the assignee of the entire right, title, and interest; or
2. ☐ an assignee of less than the entire right, title and interest.
The extent (by percentage) of its ownership interest is _____%

in the patent application/patent identified above by virtue of either:

- A. ☒ An assignment from the inventor(s) of the patent application/patent identified above.
The assignment was recorded in the United States Patent and Trademark Office at
Reel 015493, Frame 0303, or a true copy of the original assignment is attached.

OR

- B. ☐ A chain of title from the inventor(s), of the patent application/patent identified above, to the
current assignee as follows:

1. From: _____

To: _____

The document was recorded in the United States Patent and Trademark Office at
Reel _____, Frame _____, or for which a copy thereof is attached.

2. From: _____

To: _____

The document was recorded in the United States Patent and Trademark Office at
Reel _____, Frame _____, or for which a copy thereof is attached.

3. From: _____

To: _____

The document was recorded in the United States Patent and Trademark Office at
Reel _____, Frame _____, or for which a copy thereof is attached.

☐ Additional documents in the chain of title are listed on a supplemental sheet.

- ☒ As required by 37 CFR 3.73(b)(1)(i), the documentary evidence of the chain of title from the
original owner to the assignee was, or concurrently is being, submitted for recordation
pursuant to 37 CFR 3.11.

[NOTE: A separate copy (i.e., a true copy of the original assignment document(s)) must be submitted to Assignment
Division in accordance with 37 CFR Part 3, to record the assignment in the records of the USPTO. See MPEP
302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

Robert G. Rainier
Signature

January 18, 2007

Date

Robert G. Rainier
Typed or printed name

Vice President
Title

Electronic Acknowledgement Receipt

EFS ID:	1499637
Application Number:	10667989
International Application Number:	
Confirmation Number:	1946
Title of Invention:	Method and apparatus for generating an angular sweep of a directed propagation of electromagnetic radiation
First Named Inventor/Applicant Name:	Denis Jolivet
Correspondence Address:	ORUM & ROTH - 53 W. JACKSON BLVD - CHICAGO IL 60604 US 3129227747 -
Filer:	Eric Ringer/Deborah Higham
Filer Authorized By:	Eric Ringer
Attorney Docket Number:	
Receipt Date:	08-FEB-2007
Filing Date:	22-SEP-2003
Time Stamp:	17:03:56
Application Type:	Utility

Payment information:

Submitted with Payment	no
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File Listing:

Document Number	Document Description	File Name	Size(Bytes)	Multi Part /.zip	Pages (if appl.)
1		481062_408C1_Revocation POA_Statement.pdf	87135	yes	2
	Multipart Description/PDF files in .zip description				
	Document Description		Start	End	
	Power of Attorney		1	1	
	Assignee showing of ownership per 37 CFR 3.73(b).		2	2	
Warnings:					
Information:					
Total Files Size (in bytes):			87135		
<p>This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.</p> <p><u>New Applications Under 35 U.S.C. 111</u> If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.</p> <p><u>National Stage of an International Application under 35 U.S.C. 371</u> If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.</p> <p><u>New International Application Filed with the USPTO as a Receiving Office</u> If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.</p>					

Frank Abramonte

From: Turner-Brim, Phyllis [phyllis.turnerbrim@intermec.com]
Sent: Thursday, August 24, 2006 4:14 PM
To: keith@orumroth.com; email@orumroth.com
Cc: Richards, Carol
Subject: Transfer of Intermec Files to Seed IP

Keith,

I hope all is well.

Further to my note of 1 August 2006, we are now ready start transfer physical files from Orum's offices to those of Seed.

Please see the attached spreadsheet. In order that this may be an orderly and effective transition, we have established two levels of priority as follows:

Priority 1: All of the items on the attached spreadsheet (the highlighted items are of particular urgency)

Priority 2: All of other Intermec files (issued, abandoned, closed etc.) (These items are not on the attached spreadsheet.)

The **Priority 1** files are to be boxed and forwarded to Seed by express courier no later than **7 September 2006**, meaning they should arrive at Seed on or before Monday 11 September 2006. These boxes are to be sent to the following address:

**Seed Intellectual Property Law Group
Attn: Frank Abramonte
701 Fifth Avenue, Suite 5300
Seattle, Washington 98104**

Should you have any questions, Frank's direct dial is 206-694-4857.

The **Priority 2** files are to be boxed and forwarded by express courier to **my attention at Intermec in Everett by 15 September 2006**, meaning they should arrive at Intermec on or before Monday, 18 September 2006. Of course, you needn't wait until 15 September to send these files. You may send them earlier at your convenience.

Please let us know when the boxes have shipped, and provide us with indices for the boxes and tracking numbers. This information should be provided by email to both me and Carol Richards.

All expenses for the packing and shipping of files should be charged back to Intermec. In this regard, we expect to receive Orum's final statement by **31 October 2006**.

If you so desire, Intermec can have personnel from the Chicago firm of Freeborn & Peters available to assist you with this task. Please advise me as soon as possible if you need such assistance.

Your attention to this matter is appreciated. Please confirm receipt of these instructions by return email. Thanks
ptb

<<Orum Roth Transfer Worksheet.XLS>>

B

3/8/2007

Phyllis T. Turner-Brim
Intellectual Property Counsel
Intermec Technologies Corporation
425-265-2480 voice
425-348-2608 facsimile
phyllis.turnerbrim@intermec.com

This message and any attached documents containing information may be confidential and/or privileged. If you are not the intended recipient, you may not read, copy, distribute, or use this information. If you have received this transmission in error, please notify the sender immediately by reply e-mail and then delete this message.

3/8/2007

Frank Abramonte

From: Frank Abramonte
Sent: Wednesday, August 23, 2006 1:05 PM
To: 'phyllis.turnerbrim@intermec.com'
Cc: 'carol.richards@intermec.com'; 'Paul.Maltseff@intermec.com'
Subject: FW: Orum Roth Transfer Worksheet

Phyllis,

Attached is worksheet of Orum files we spoke about this morning.

-Frank



!Orum Roth
ansfer Worksheet..

ORUM ROTH TRANSFER WORKSHEET

Intermec Ref.	Title	Filing Date	Serial No.	Parent	Parent2	Parent3	OA Type	Mailed	Next Due Date	Month	Comments
INT200-23	Apparatus and Method for Gathering and Utilizing Data	03/01/2001	09/816608	60/191914							
INT201-01	Method and Apparatus for On-Demand Marking or Etching of Metal	09/24/2001	09/961740	60/283096							
INT099-78	Tamper Evident Smart Label with RF Transponder	03/06/2002	10/092174	60/273800							Issued as 7,095,324 on 8/22/06
INT201-19	System and Method for Universal Networked Device Management	05/03/2002	10/138340	60/289023			Final OA	5/25/2006	8/25/2006	3 of 6	
INT200-27	Method and Apparatus for Configuring the Read-Range of an RFID Label or Tag	07/12/2002	10/194273	60/305308							
INT202-02	Tire Identification Label	03/18/2003	10/391036	60/379965			3-Mo. OA	5/22/2006	9/22/2006	4 of 6	
INT201-46	Self Cleaning Thermal Media	05/20/2003	10/441554	60/382849							
INT202-05	Tire Identification Label and Tire Label Film with Integrated Barrier	07/18/2003	10/623393	CON 10/391036	60/397207	60/379965	Final OA	8/3/2006	10/3/2006	2 of 6	
INT202-04	Method for Making Direct Marketing Composite Materials and Barcode for Composite Materials	07/18/2003	10/622559	60/397457			3-Mo. OA	6/8/2006	9/8/2006	3 of 6	Parent of 10/690370 (abandoned)
STC200-01CIP	Method and Apparatus for Generating an Angular Sweep of a Directed Propagation of Electromagnetic Radiation	09/22/2003	10/667989	09/935517	60/227332		Ex Parte Quayle	6/28/2006	8/28/2006	2 of 6	Parent (09/935517) issued as 6,724,510.
INT201-45	Method and Apparatus for On-Demand Stencil Chemical Etch Direct Parts Marking Automation and Carrier for Chemical Etch Stencil Mesh	10/07/2003	10/680536	60/420023			Advisory Action	7/5/2006	9/3/2006	5 of 6	
INT202-31	Dual Contrast Embedded Mesh for Identification of Various Composite Materials	10/21/2003	10/689941	PRI			3-Mo. OA	6/11/2006	9/1/2006	3 of 6	
INT-CR-202-02	Automatically Configuring Security System	02/05/2004	10/772801	60/444894							
INT201-03DIV	UV Curing Module for Label Printer	03/29/2004	10/811732	DIV 10/120620	60/287842	60/283113					Parent (10/120620) issued as 6,732,451.
203305	RFID Tire Label	03/31/2004	10/814436	PRI			Final OA	6/5/2006	9/5/2006	3 of 6	
INT202-33	A Method for Analysis of Label Positioning and Printed Image to Identify and Correct Printing Anomalies	09/17/2004	10/944477	60/504410			Final OA	6/2/2006	9/2/2006	3 of 6	
INT202-08	Subsurface Imaged labels and Tags using Thermal Transfer Carrier as Overlamine and Method of Manufacture	09/17/2004	10/944556	60/504423							
INT202-29	Label Applicator with RFID Antenna	09/17/2004	10/944332	60/504780							
INT202-32	Use of a UV-Curable Thermal Ribbon in Conjunction with a Porous Substrate to Form a Durable, On-Demand Electro-Chemical Stencil	09/24/2004	10/950055	60/505668			3-Mo. OA	6/2/2006	9/2/2006	3 of 6	
203307	Method for On-Demand Direct Item Marking Via a Screen Printing Process	12/10/2004	11/009726	60/528785							
205106	RFID Logging of Remaining Media in a Media Roll	05/17/2005	11/139843	Not Published							

ORUM ROTH TRANSFER WORKSHEET

Intermec Ref.	Title	Filing Date	Serial No.	Parent	Parent2	Parent3	OA Type	Mailed	Next Due Date	Month	Comments
205103	Hand-Held Computer with Interchangeable Keypad/Battery Module	05/27/2005	11/139811	Not Published							
203501	Apparatus for Diagonal Progressive Scanning Video and Method of Improving Aiming Visibility, Reducing Tilt Dependence and Improving Read Range	08/30/2005	11/215331	60/635263	60/605657						
204503P	Ultra Compact Light Concentrator with Adaptive Field-of-View Capabilities for Laser Bar Code Scanner	09/30/2005	60/722466	Not Published							
205401P	Print Engine (POD) as both Thermal Printer Applicator and Label Applicator with RFID Capabilities	10/03/2005	60/723168	Not Published							
203110	Method to Verify or Track a Physical Address While Providing a Service	12/07/2005	11/396805	Not Published							
203401	Method for Automatic Adjustment of Media Settings for a Printer	12/12/2005	11/301307	60/635388							
203403	Ribbon Packaging and Loading Device	12/12/2005	11/299574	60/635389							
204305	Process for Manufacturing RFID Label	12/23/2005	11/318366	Not Published							
203303	Printhead with RFID Antenna	03/01/2006	11/365480	Not Published							
203402	Media Gap Detection by Reflective Florescence	03/01/2006	11/365479	Not Published							
204306	Perforation Over Perforation Die Cutter and Method of Manufacture	03/01/2006	11/367032	Not Published							
204307	Profile Correction for RFID Label with Transponders	03/01/2006	11/365981	Not Published							
INT202-11	RFID Tire Label	03/01/2006	11/365793	Not Published							

ORUM ROTH TRANSFER WORKSHEET

Seed Ref.	Intermec Ref.	Title	Filing Date	Serial No.	Parent	Parent2	Parent3	OA Type	Mailed	Next Due Date	Month	Comments
481062.401	INT200-23	Apparatus and Method for Gathering and Utilizing Data	03/01/2001	09/816608	60/191914							
481062.402	INT201-01	Method and Apparatus for On-Demand Marking or Etching of Metal	09/24/2001	09/961740	60/283096							
481062.403	INT099-78	Tamper Evident Smart Label with RF Transponder	03/06/2002	10/092174	60/273800							Issued as 7,095,324 on 8/22/06
481062.404	INT201-19	System and Method for Universal Networked Device Management	05/03/2002	10/138340	60/289023			Final OA	5/25/2006	8/25/2006	3 of 6	
481062.405	INT200-27	Method and Apparatus for Configuring the Read-Range of an RFID Label or Tag	07/12/2002	10/194273	60/305308							
480062.798	INT202-02	Tire Identification Label	03/18/2003	10/39103	60/379965			3-Mo. OA	5/22/2006	9/22/2006	4 of 6	
481062.406	INT201-46	Self-Cleaning Thermal Media	05/20/2003	10/44155	60/382849							
480062.798C1	INT202-05	Tire Identification Label and Tire Label Film with Integrated Barrier	07/18/2003	10/623393	CON 10/391036	60/397207	60/379965	Final OA	8/3/2006	10/3/2006	2 of 6	
481062.407	INT202-04	Method for Making Direct Marketing Composite Materials and Barcode for Composite Materials	07/18/2003	10/622559	60/397457			3-Mo. OA	6/8/2006	9/8/2006	3 of 6	Parent of 10/690370 (abandoned)
481062.408C1	STC200-01CIP	Method and Apparatus for Generating an Angular Sweep of a Directed Propagation of Electromagnetic Radiation	09/22/2003	10/667989	09/935517	60/227332		Ex Parte Quayle	6/28/2006	8/28/2006	2 of 6	Parent (09/935517) issued as 6,724,510.
481062.409	INT201-45	Method and Apparatus for On-Demand Stencil Chemical Etch Direct Parts Marking Automation and Carrier for Chemical Etch Stencil Mesh	10/07/2003	10/680536	60/420023			Advisory Action	7/5/2006	9/3/2006	5 of 6	
481062.410	INT202-31	Dual Contrast Embedded Mesh for Identification of Various Composite Materials	10/21/2003	10/689941	PRI			3-Mo. OA	6/1/2006	9/1/2006	3 of 6	
481062.411	INT-CR-202-02	Automatically Configuring Security System	02/05/2004	10/77280	60/444894							
480062.799D1	INT201-03DIV	UV Curing Module for Label Printer	03/29/2004	10/811732	DIV 10/120620	60/287842	60/283113					Parent (10/120620) issued as 6,732,451.
481062.412	203305	RFID Tire Label	03/31/2004	10/81443	PRI			Final OA	6/5/2006	9/5/2006	3 of 6	
481062.413	INT202-33	A Method for Analysis of Label Positioning and Printed Image to Identify and Correct Printing Anomalies	09/17/2004	10/944477	60/504410			Final OA	6/2/2006	9/2/2006	3 of 6	
481062.414	INT202-08	Subsurface Imaged labels and Tags using Thermal Transfer Carrier as Overlamine and Method of Manufacture	09/17/2004	10/944556	60/504423							
481062.415	INT202-29	Label Applicator with RFID Antenna	09/17/2004	10/94433	60/504780							
481062.416	INT202-32	Use of a UV-Curable Thermal Ribbon in Conjunction with a Porous Substrate to Form a Durable, On-Demand Electro-Chemical Stencil	09/24/2004	10/950055	60/505668			3-Mo. OA	6/2/2006	9/2/2006	3 of 6	
481062.417	203307	Method for On-Demand Direct Item Marking Via a Screen Printing Process	12/10/2004	11/009726	60/528785							
481062.418	205106	RFID Logging of Remaining Media in a Media Roll	05/17/2005	11/139843	Not Published							
481062.419	205103	Hand-Held Computer with Interchangeable Keypad/Battery Module	05/27/2005	11/139811	Not Published							

ORUM ROTH TRANSFER WORKSHEET

Seed Ref.	Intermec Ref.	Title	Filing Date	Serial No.	Parent	Parent2	Parent3	OA Type	Mailed	Next Due Date	Month	Comments
481062.420	203501	Apparatus for Diagonal Progressive Scanning Video and Method of Improving Aiming Visibility, Reducing Tilt Dependence and Improving Read Range	08/30/2005	11/21533 1	60/635263	60/605657						
481062.421P1	204503P	Ultra Compact Light Concentrator with Adaptive Field-of-View Capabilities for Laser Bar Code Scanner	09/30/2005	60/72246 6	Not Published							
481062.422P1	205401P	Print Engine (POD) as both Thermal Printer Applicator and Label Applicator with RFID Capabilities	10/03/2005	60/72316 8	Not Published							
481062.423	203110	Method to Verify or Track a Physical Address While Providing a Service	12/07/2005	11/39680 5	Not Published							
481062.424	203401	Method for Automatic Adjustment of Media Settings for a Printer	12/12/2005	11/30130 7	60/635388							
481062.425	203403	Ribbon Packaging and Loading Device	12/12/2005	11/29957 7	60/635389							
481062.426	204305	Process for Manufacturing RFID Label	12/23/2005	11/31836	Not Published							
481062.427	203303	Printhead with RFID Antenna	03/01/2006	11/36548	Not Published							
481062.428	203402	Media Gap Detection by Reflective Fluorescence	03/01/2006	11/36547	Not Published							
481062.429	204306	Perforation Over Perforation Die Cutter and Method of Manufacture	03/01/2006	11/36703 2	Not Published							
481062.430	204307	Profile Correction for RFID Label with Transponders	03/01/2006	11/36598 1	Not Published							
481062.431	INT202-11	RFID Tire Label	03/01/2006	11/36579	Not Published							

Frank Abramonte

From: IntermecIP [IntermecIP@intermec.com]
Sent: Tuesday, August 08, 2006 9:10 AM
To: email@orumroth.com
Cc: Frank Abramonte; Laura Workman; Maltseff, Paul
Subject: RE: Reporting Official Action (Your ref: STC200-01CIP, Our ref:13600)



ATT374947.bst

Keith
Orum & Roth,

Paul Maltseff has reviewed the draft response to the outstanding office action. He has approved the draft and requests that your office file the response at your earliest convenience.

After the response has been filed, please assist Frank Abramonte with the steps needed to transfer this application to his office.

Thank you.

Carol J. Richards
Legal Secretary
Intermec Technologies Corporation
6001 36th Avenue West
Everett, Washington 98203
tel: 425-348-2736
fax: 425-348-2608
carol.richards@intermec.com

-----Original Message-----

From: email@orumroth.com [mailto:email@orumroth.com]
Sent: Wednesday, July 19, 2006 9:42 AM
To: Turner-Brim, Phyllis
Cc: Richards, Carol
Subject: Reporting Official Action (Your ref: STC200-01CIP, Our ref:13600)

Re: INTERMEC IP CORP
US CIP Application No: 10/667989
For: METHOD AND APPARATUS FOR GENERATING AN ANGULAR SWEEP OF A
DIRECTED PROPAGATION OF ELECTROMAGNETIC RADIATION
Your ref: STC200-01CIP
Our ref: 13600

Dear Phyllis:

Attached please the following documents:

- Our letter reporting the Official Action
- A copy of the Official Action
- Our draft response to the Official Action

Copies have been sent via post.

Very truly yours,

Catherine Gemrich

Web Based Mail Provided By Domain-it!
===== <http://www.domainit.com> =====

Eric Ringer

From: Jennifer Lampe
Sent: Wednesday, August 23, 2006 3:38 PM
To: 'carol.richards@intermec.com'
Cc: 'phyllis.turnerbrim@intermec.com'; 'paul.maltseff@intermec.com'
Subject: Your Ref: STC200-01CIP; Our Ref: 481062.408C1

Re: U.S. Patent Application No. 10/667,989

Carol,

Attached are the Revocation and Power of Attorney as well as a Statement Under 37 CFR 3.73(b). Please sign and return these documents to us for filing with the U.S. Patent and Trademark Office as soon as possible.

If you have any questions, please don't hesitate to call.

Best regards,

Jennifer Lampe
Legal Assistant to Frank Abramonte
Seed IP Law Group PLLC



RevocationPOA.pdf



Statement.pdf

C

REVOCATION OF POWER OF ATTORNEY WITH NEW POWER OF ATTORNEY AND CHANGE OF CORRESPONDENCE ADDRESS	Application Number	10/667,989
	Filing Date	September 22, 2003
	First Named Inventor	Denis Jolivet
	Art Unit	2872
	Examiner Name	James Phan
	Attorney Docket Number	481062.408C1

I hereby revoke all previous powers of attorney given in the above-identified application.

☐ A Power of Attorney is submitted herewith.

OR

☒ I hereby appoint the practitioners at Customer Number: **35243**

☒ Please change the correspondence address for the above-identified application to:

☒ The address associated with Customer Number **35243**

OR

<input type="checkbox"/> Firm or Individual Name					
Address					
City		State		Zip	
Country					
Telephone		Email			

I am the:

☐ Applicant/Inventor.

☒ Assignee of record of the entire interest. See 37 CFR 3.71.
Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96)

☒ As assignee of record of the entire interest I/we hereby elect, under 37 CFR 3.71,
to prosecute the application to the exclusion of the inventor(s).

SIGNATURE of Applicant or Assignee of Record

Signature		Date	
Name			
Title and Company (Assignee)	Intermec IP Corp.		

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below*.

☒ *Total of 1 forms are submitted.

SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

825544_1.DOC

STATEMENT UNDER 37 CFR 3.73(b)

Applicant/Patent Owner: Denis Jolivet

Application No./Patent No.: 10/667,989 Filed/Issue Date: September 22, 2003

Entitled: METHOD AND APPARATUS FOR GENERATING AN ANGULAR SWEEP OF A
DIRECTED PROPAGATION OF ELECTROMAGNETIC RADIATION

Intermec IP Corp.

(Name of Assignee)

a

corporation

(Type of Assignee, e.g., corporation, partnership,
university, government agency, etc.)

states that it is:

1. ☒ the assignee of the entire right, title, and interest; or
2. ☐ an assignee of less than the entire right, title and interest.
The extent (by percentage) of its ownership interest is _____%

in the patent application/patent identified above by virtue of either:

- A. ☒ An assignment from the inventor(s) of the patent application/patent identified above.
The assignment was recorded in the United States Patent and Trademark Office at
Reel 015031, Frame 0812, or a true copy of the original assignment is attached.

OR

- B. ☐ A chain of title from the inventor(s), of the patent application/patent identified above, to the
current assignee as follows:

1. From: _____ To: _____

The document was recorded in the United States Patent and Trademark Office at
Reel _____, Frame _____, or for which a copy thereof is attached.

2. From: _____ To: _____

The document was recorded in the United States Patent and Trademark Office at
Reel _____, Frame _____, or for which a copy thereof is attached.

3. From: _____ To: _____

The document was recorded in the United States Patent and Trademark Office at
Reel _____, Frame _____, or for which a copy thereof is attached.

☐ Additional documents in the chain of title are listed on a supplemental sheet.

- ☒ As required by 37 CFR 3.73(b)(1)(i), the documentary evidence of the chain of title from the
original owner to the assignee was, or concurrently is being, submitted for recordation
pursuant to 37 CFR 3.11.

[NOTE: A separate copy (i.e., a true copy of the original assignment document(s)) must be submitted to Assignment
Division in accordance with 37 CFR Part 3, to record the assignment in the records of the USPTO. See MPEP
302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

Signature

Date

Typed or printed name

Title



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor: Denis JOLIVET) Examiner: PHAN
Serial Number: 10/667989) Art Unit: 2872
Filed: 09/22/2003)
For: METHOD AND APPARATUS FOR GENERATING AN
ANGULAR SWEEP OF A DIRECTED PROPAGATION OF
ELECTROMAGNETIC RADIATION)
Docket Number: 13600)

RESPONSE TO OFFICIAL ACTION

Commissioner of Patents
P.O. Box 1450
Alexandria, VA 22313-1450

28 August 2006

Sir:

This communication is responsive to your Office Action dated 28 June 2006, having a shortened statutory period for reply set to expire 28 August 2006. Accordingly, this response is timely filed on 28 August 2006.

Please amend the application as follows:

In the Claims:

Please amend the claims as shown in the section entitled Claim Amendments.

In the Specification:

Please amend the claims as shown in the section entitled Claim Amendments. No new matter has been added.

CLAIMS AMENDMENTS

1. (Previously Presented) An apparatus for generating an angular sweep of a directed propagation of electromagnetic radiation, comprising:
 - a first reflector adapted to move over a first angular range of movement; and
 - a first and a second fixed reflector to reflect the directed propagation of electromagnetic radiation incident upon and reflected by the first reflector onto the fixed reflectors and back to the first reflector;
 - the first fixed reflector is contiguous with the second fixed reflector and the first fixed reflector is angled with respect to the second fixed reflector;
 - wherein the first angular range of movement of the first reflector creates an increasing sweep of the directed propagation of electromagnetic radiation with each reflection from the first reflector.
2. (Cancelled)
3. (Cancelled)
4. (Previously Presented) The apparatus of claim 1, wherein the directed propagation of electromagnetic radiation is selected from the group consisting of a laser beam, microwave energy, visible light, non-visible light, infra-red radiation, radar waves, radio waves and combinations thereof.
5. (Previously Presented) The apparatus of claim 1, the first reflector and the at least two fixed reflectors are mirrors.
6. (Original) The apparatus of claim 5, wherein the mirrors are planar.
7. (Original) The apparatus of claim 1, wherein a means for oscillation drives the movement of the first reflector.
8. (Original) The apparatus of claim 1, wherein the movement of the first reflector is adapted to have a variable amplitude.
9. (Original) The apparatus of claim 1, wherein the movement of the first reflector is adapted to have a variable frequency.

10/667989

10. (Original) The apparatus of claim 1, wherein the movement of the first reflector is adapted to have a variable frequency and a variable amplitude.

11. (Previously Presented) The apparatus of claim 1, wherein the distance between the first reflector and at least one of the fixed reflectors is adjustable.

12 - 18. (Cancelled)

19. (Previously Presented) An apparatus for generating an angular sweep of a directed propagation of electromagnetic radiation, comprising:

a first reflector adapted to oscillate; and

at least two secondary reflectors;

the first reflector and secondary reflectors disposed to create a reflective path onto and off of the first reflector at least twice;

wherein a distance between the first and at least one of the secondary reflectors is adjustable.

20. (Cancelled)

21. (Original) The apparatus of claim 19 wherein at least one of the secondary reflectors is adapted to oscillate.

22. (Previously Presented) The apparatus of claim 1 wherein the directed propagation of electromagnetic radiation is visible electromagnetic radiation, non-visible electromagnetic radiation, or combinations thereof.

23. (Previously Presented) The apparatus of claim 11 wherein at least one reflector is slidable along a track.

24. (Cancelled)

25. (Cancelled)

26. (Previously Presented) The apparatus of claim 19 further comprising a track, wherein the at least one secondary reflector is slidable along the track to adjust the distance.

10/667989

27. (Previously Presented) The apparatus of claim 21 wherein the at least one of the secondary reflectors is adapted to oscillate at a lower amplitude than the first reflector.

28 - 49. (Cancelled).

10/667989

SPECIFICATION AMENDMENTS

Please replace the paragraph beginning on page 1, line 4 with the following paragraph:

This application is a continuation-in-part of U.S. Application No. 09/935517 now 6,724,510 filed August 23, 2001 which claimed the benefit of United States Provisional Application Serial No. 60/227332 filed August 23, 2000.

REMARKS

Claims 1, 4-11, 19, 21 - 23 and 26 - 27 are pending in the present application. Claims 24 and 25 have been cancelled without prejudice.

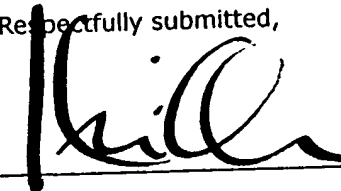
Applicant notes with thanks and appreciation that claims 1, 4 - 7, 11, 19 and 21 - 23 and 26 - 27 are allowable over the cited art.

The Specification was objected to as a patent has issued in the parent application. To address the objection, the continuation data has been amended to include the patent number of the parent application. No new matter has been added.

CONCLUSION

Applicant asserts that all of the objections have been obviated and, therefore now respectfully requests examination on the merits.

Respectfully submitted,

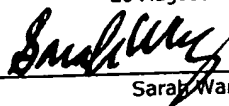


Keith H. Orum
Attorney for Applicant
Registration Number 33985

ORUM & ROTH LLC
53 WEST JACKSON BOULEVARD
CHICAGO, ILLINOIS 60604-3606
TELEPHONE: 312.922.6262
FAX: 312.922.7747

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as First Class mail in an envelope addressed to: Commissioner of Patents and Trademarks, Alexandria, VA 22313-1450, on 28 August 2006.



Sarah Wang

TRANSMITTAL FORM

(To be used for all correspondence
after initial filing)

Application Number	10/667,989
Filing Date	September 22, 2003
First Named Inventor	Denis Jolivet
Art Unit	2872
Examiner Name	James Phan
Attorney Docket No.	481062.408C1

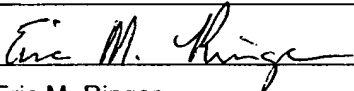
ENCLOSURES (check all that apply)

<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Amendment/Response <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement and Transmittal <input type="checkbox"/> Cited References <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53 <input type="checkbox"/> Response to Missing Parts/Incomplete Application	<input checked="" type="checkbox"/> Drawing(s) <input type="checkbox"/> Request for Corrected Filing Receipt <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation, Change of Correspondence Address <input type="checkbox"/> Declaration <input type="checkbox"/> Statement under 37 CFR 3.73(b) <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (<i>Appeal Notice, Brief, Reply Brief</i>) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Return Receipt Postcard <input type="checkbox"/> Other Enclosure(s) (<i>please identify below</i>): _____ _____ _____ _____
--	--	---

Remarks

7 Sheets of Replacement Drawings (Figs. 1-7)

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Name	Seed Intellectual Property Law Group PLLC	Customer Number	35243
Signature			
Printed Name	Eric M. Ringer		
Date	October 17, 2006	Reg. No.	47,028

CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.

Signature		
Typed or printed name	**SENT VIA EXPRESS MAIL**	Date:

SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.
849815_1.DOC

E



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Denis Jolivet
Application No. : 10/667,989
Filed : September 22, 2003
For : METHOD AND APPARATUS FOR GENERATING AN
ANGULAR SWEEP OF A DIRECTED PROPAGATION OF
ELECTROMAGNETIC RADIATION

Examiner : James Phan
Art Unit : 2872
Docket No. : 481062.408C1
Date : October 17, 2006

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

SUPPLEMENTAL AMENDMENT AFTER ALLOWANCE

(UNDER 37 CFR 1.312)

Commissioner for Patents:

In response to the Examiner's request in the Office Action dated June 28, 2006,
please amend the application as follows:

Amendments to the Specification begin on page 2 of this paper.

Amendments to the Claims are reflected in the listing of claims which begins on
page 5 of this paper.

Amendments to the Drawings begin on page 8 of this paper and include attached
Replacement Sheets.

Remarks begin on page 9 of this paper.

Amendments to the Specification:

Please replace the paragraph beginning at page 1, line 16, with the following redlined paragraph:

Beam sweeping is used, for example, in machine readable symbology scanning devices, for example bar code readers. A beam sweeping across a bar code is reflected back to the scanner where variations in the reflected light is-are detected, corresponding to the bar code. The sweep angle of the beam determines the range from and width of a code that may be scanned. ~~Frequency-~~The frequency of the sweep is a factor in determining the time necessary for a scan. The reading and the decoding of machine readable symbologies is commonly performed by two methods, discussed below. Available devices commonly function with a light or other electromagnetic radiation source and ~~a-an~~ electromagnetic radiation sensitive sensor, which is responsive to the source wavelength, allowing the detection of the variations in the reflection of the illuminated bar code.

Please replace the paragraph beginning at page 6, line 1, with the following redlined section:

According to figure 1, ~~the~~electromagnetic radiation-radiation 10 arrives from the left towards ~~the~~a movable (vibrating, oscillating) reflector 12, for example a mirror, having in this example, vibration in rotation of 6°. ~~The~~A fixed reflector 14, placed opposite ~~that~~which ~~vibrates the movable reflector 12~~, is located to intercept the electromagnetic radiation already angularly deviated by the movable reflector 12 and to again return it-the electromagnetic radiation towards the movable reflector 12, thus at least doubling with each reference the angular deviation (sweep). Without the fixed reflector 14, the resulting sweep would be an angular deviation of 12° by simple reflection on the movable reflector; 12. Here, the two passes between fixed reflector 14 and movable reflector 12 raise the angular deviation to 36° peak-peak of the electromagnetic radiation at output.

Please replace the paragraph beginning at page 6, line 18, with the following redlined section:

In figure 2, the vibration/oscillation of the movable reflector 12 of 10° , gives 60° at output. The use of two fixed mirrors 14 enables a reflection path optimized for a compact sweeping module. Figure 3, shows a similar layout applying rotational movement, one half the amplitude, accounting for the requirements of the electromagnetic radiation having a practical diameter. Taking again the provision of figure 2, the physical width of the directed propagation of electromagnetic radiation, for example a laser spot (here of 1mm), compared to dimensions of the mirrors as drawn affects the amplitude of the resulting beam sweep.

Please replace the paragraph beginning at page 7, line 6, with the following redlined paragraph:

Figure 5 demonstrates another embodiment of the present invention with two fixed reflectors 14. The fixed reflectors 14 may be contact with each other, and angled with respect to one another. The fixed reflectors 14 may be planar surfaces.

Please replace the paragraph beginning at page 7, line 9, with the following redlined paragraph:

Figures 6 and 7 demonstrate alternative embodiments with a single non-planar fixed reflector 14. As shown in Figure 6, the fixed reflector 14 may have a first planar surface and second planar surface angled with respect to one another. As shown in Figure 7, the fixed reflector 14 may be curved.

Please replace the paragraph beginning at page 7, line 13, with the following redlined paragraph:

The specific orientation of the fixed reflector(s) 14 about the movable reflector 12 may be influenced by the type of oscillation/vibration/rotation mechanism used and desired constraints on the size and orientation of the sweeping module with respect to the radiation source. In the present invention, a fixed reflector 14 is one that is not driven to oscillate, vibrate

or otherwise rapidly change its angular orientation with respect to the first reflector. The fixed reflector(s) 14 may be configured to be adjustable with respect to their distance from the first movable reflector, 12. ~~for~~ For example, the fixed reflectors 14 may be adjusted closer to or farther from the first movable reflector 12 adjustable along a track; ~~the~~ The sweep angle can thereby be adjusted without requiring changing the first reflector's frequency to be changed frequency of the movable reflector 12 - allowing the first movable reflector 12 to remain at the resonance frequency. In a further embodiment, one or more of the fixed reflector(s) 14 may be replaced with at least one movable reflector. The additional or second movable reflector, preferably oscillating or vibrating at a lower amplitude than the first movable reflector, creates a changing sweep angle. The sweep created by this embodiment, alternately moving between wide and narrow, has the ability to, for example, scan machine-readable machine-readable symbologies at widely varying ranges from the sweep module without requiring operator adjustment of the device between scans.

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Previously Presented) An apparatus for generating an angular sweep of a directed propagation of electromagnetic radiation, comprising:

a first reflector adapted to move over a first angular range of movement; and
a first and a second fixed reflector to reflect the directed propagation of electromagnetic radiation incident upon and reflected by the first reflector onto the fixed reflectors and back to the first reflector;

the first fixed reflector is contiguous with the second fixed reflector and the first fixed reflector is angled with respect to the second fixed reflector;

wherein the first angular range of movement of the first reflector creates an increasing sweep of the directed propagation of electromagnetic radiation with each reflection from the first reflector.

2.-3. (Cancelled)

4. (Currently Amended) The apparatus of claim 1, wherein the directed propagation of electromagnetic radiation is selected from ~~the~~ a group consisting of comprising a laser beam, microwave energy, visible light, non-visible light, infra-red radiation, radar waves, radio waves and combinations thereof.

5. (Previously Presented) The apparatus of claim 1, the first reflector and the at least two fixed reflectors are mirrors.

6. (Original) The apparatus of claim 5, wherein the mirrors are planar.

7. (Original) The apparatus of claim 1, wherein a means for oscillation drives the movement of the first reflector.

8. (Original) The apparatus of claim 1, wherein the movement of the first reflector is adapted to have a variable amplitude.

9. (Original) The apparatus of claim 1, wherein the movement of the first reflector is adapted to have a variable frequency.

10. (Original) The apparatus of claim 1, wherein the movement of the first reflector is adapted to have a variable frequency and a variable amplitude.

11. (Previously Presented) The apparatus of claim 1, wherein the distance between the first reflector and at least one of the fixed reflectors is adjustable.

12.-20. (Cancelled)

21. (Previously Presented) An apparatus for generating an angular sweep of a directed propagation of electromagnetic radiation, comprising:

a first reflector adapted to oscillate; and

at least two secondary reflectors;

the first reflector and secondary reflectors disposed to create a reflective path onto and off of the first reflector at least twice;

wherein a distance between the first and at least one of the secondary reflectors is adjustable and at least one of the secondary reflectors is adapted to oscillate.

22. (Previously Presented) The apparatus of claim 1 wherein the directed propagation of electromagnetic radiation is visible electromagnetic radiation, non-visible electromagnetic radiation, or combinations thereof.

23. (Previously Presented) The apparatus of claim 11 wherein at least one reflector is slidable along a track.

24. (Previously Presented) The method of claim 14, further comprising the step of illuminating a machine-readable symbology with the directed propagation of electromagnetic radiation.

25. (Previously Presented) The method of claim 14, wherein at least one of the fixed reflectors is adjustable and further including the step of sliding the adjustable fixed reflector along a track to adjust the distance between the first reflector and the adjustable fixed reflector.

26. (Previously Presented) The apparatus of claim 21 further comprising a track, wherein the at least one secondary reflector is slidable along the track to adjust the distance.

27. (Previously Presented) The apparatus of claim 21 wherein the at least one of the secondary reflectors is adapted to oscillate at a lower amplitude than the first reflector.

28.-49. (Cancelled)

Application No. 10/667,989
Reply to Office Action dated June 28, 2006

Amendments to the Drawings:

The attached sheets of drawings include changes to Figures 1-7. These sheets, which include Figures 1-7, replace the original sheets including Figures 1-7.

Attachment: Replacement Sheets.

REMARKS

This is a Supplemental Response to Office Action mailed June 28, 2006 in which a two (2) month Shortened Statutory Period for Response has been set. Applicant's prior representative, Mr. Keith Orum, filed a timely Response that was mailed to the United States Patent and Trademark Office on August 28, 2006. Therefore, it is believed that no extensions of time are necessary to file this "Supplemental Response." No claims have been added. No new matter has been added to the application. No fee for additional claims is due by way of this Amendment. The Director is authorized to charge any additional fees due by way of this Amendment, or credit any overpayment, to our Deposit Account No. 19-1090.

In the pending application, claims 1, 4-11, 21-23, 26 and 27 are pending and currently allowed. Applicants wish to thank the Examiner for indicating the allowability of claims 1, 4-11, 21-23, 26 and 27.

Drawings

Figures 1-7 have been amended to include reference numerals. It is believed that no new matter has been introduced by way of these amendments.

Amendments

By way of this Supplemental Response, claim 4 is amended. Applicants respectfully submit that claim 4, which depends from independent claim 1, is allowable for at least the reason that claim 4 depends from claim 1, which has been allowed.

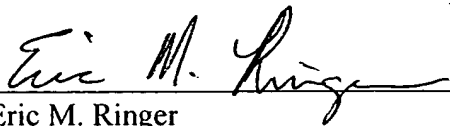
Regarding claims 19 and 21, Applicants wish to apologize for any confusion caused by the Response that was mailed to the United States Patent and Trademark Office on August 28, 2006. Specifically, in a prior Response that was mailed to the United States Patent and Trademark Office on March 20, 2006, claim 19 was cancelled, and claim 21 was amended to include all of the limitations of claim 19. However, in the Response that was mailed on August 28, 2006, claim 19 was included in the listed claims, and claim 21 was not amended and did not include all of limitations shown in the Response of March 20, 2006. In the attached claims,

Application No. 10/667,989
Reply to Office Action dated June 28, 2006

claim 19 is properly listed as cancelled, and claim 21 now includes all of the limitations as amended in the March 20, 2006 Response.

All of the claims remaining in the application are now clearly allowable.
Favorable consideration and entry of this Amendment are earnestly solicited.

Respectfully submitted,
SEED Intellectual Property Law Group PLLC


Eric M. Ringer
Registration No. 47,028

EMR:jjl

Enclosure:
7 Sheets of Replacement Drawings (Figs. 1-7)

701 Fifth Avenue, Suite 5400
Seattle, Washington 98104-7092
Phone: (206) 622-4900
Fax: (206) 682-6031

827443_1.DOC

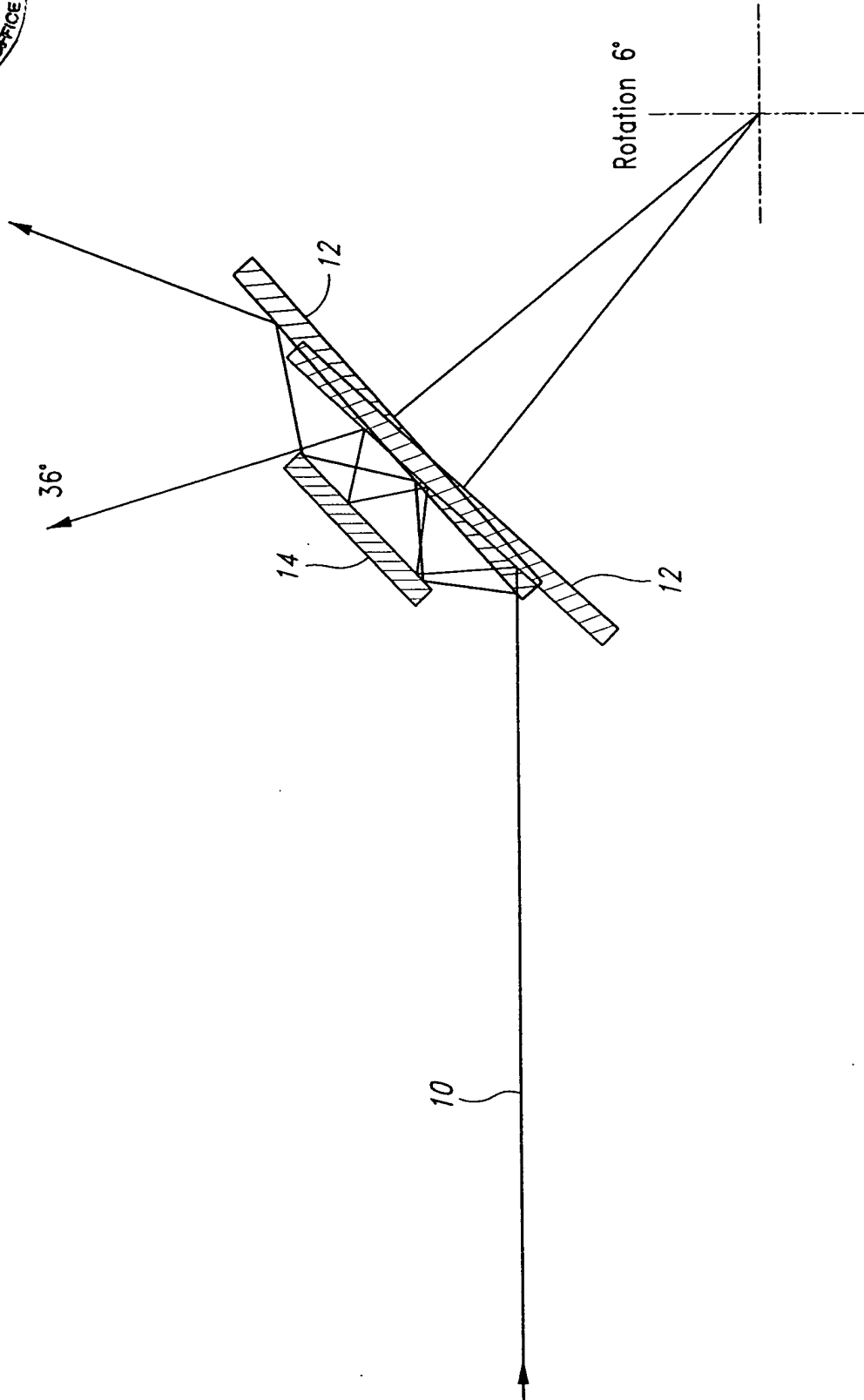


Figure. 1

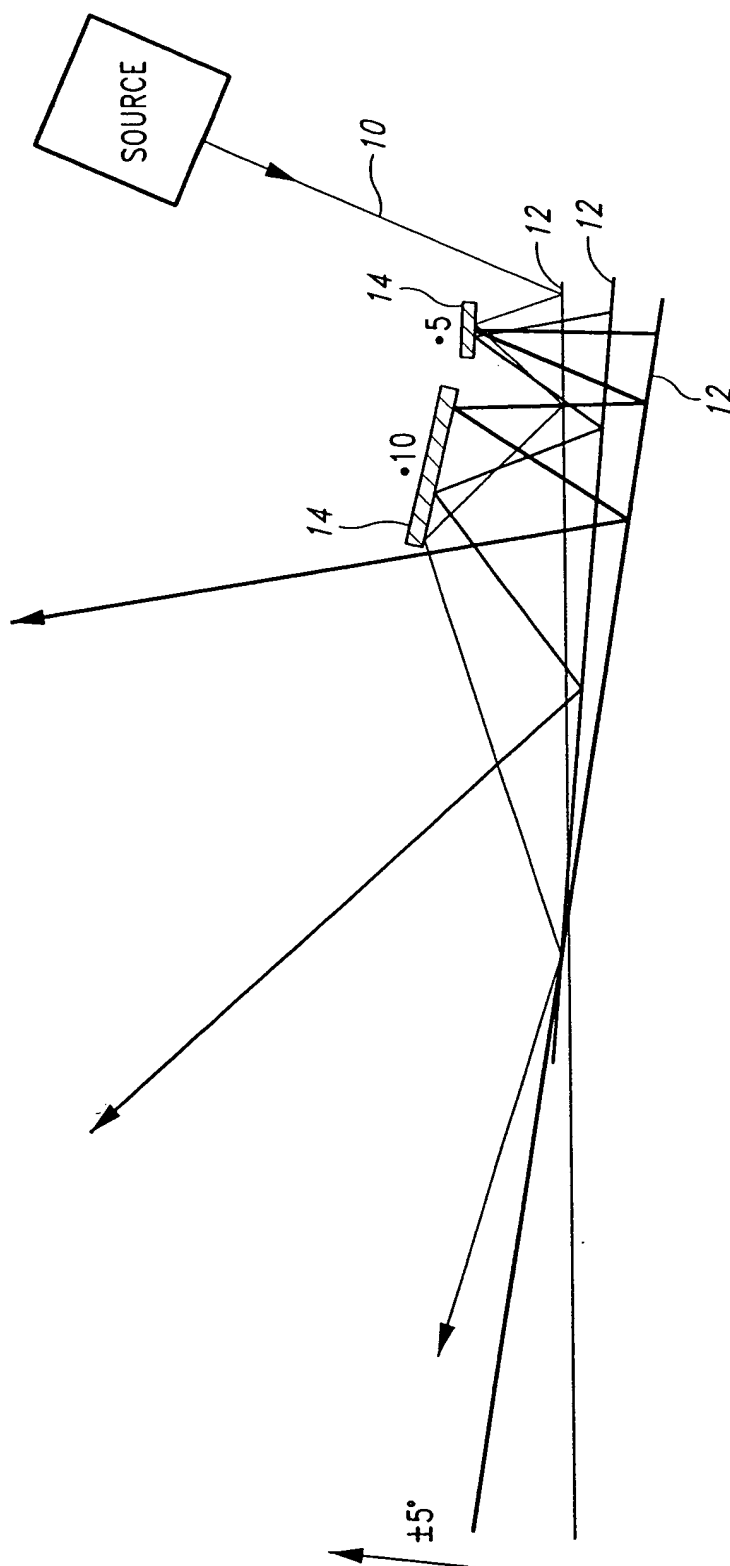


Figure. 2

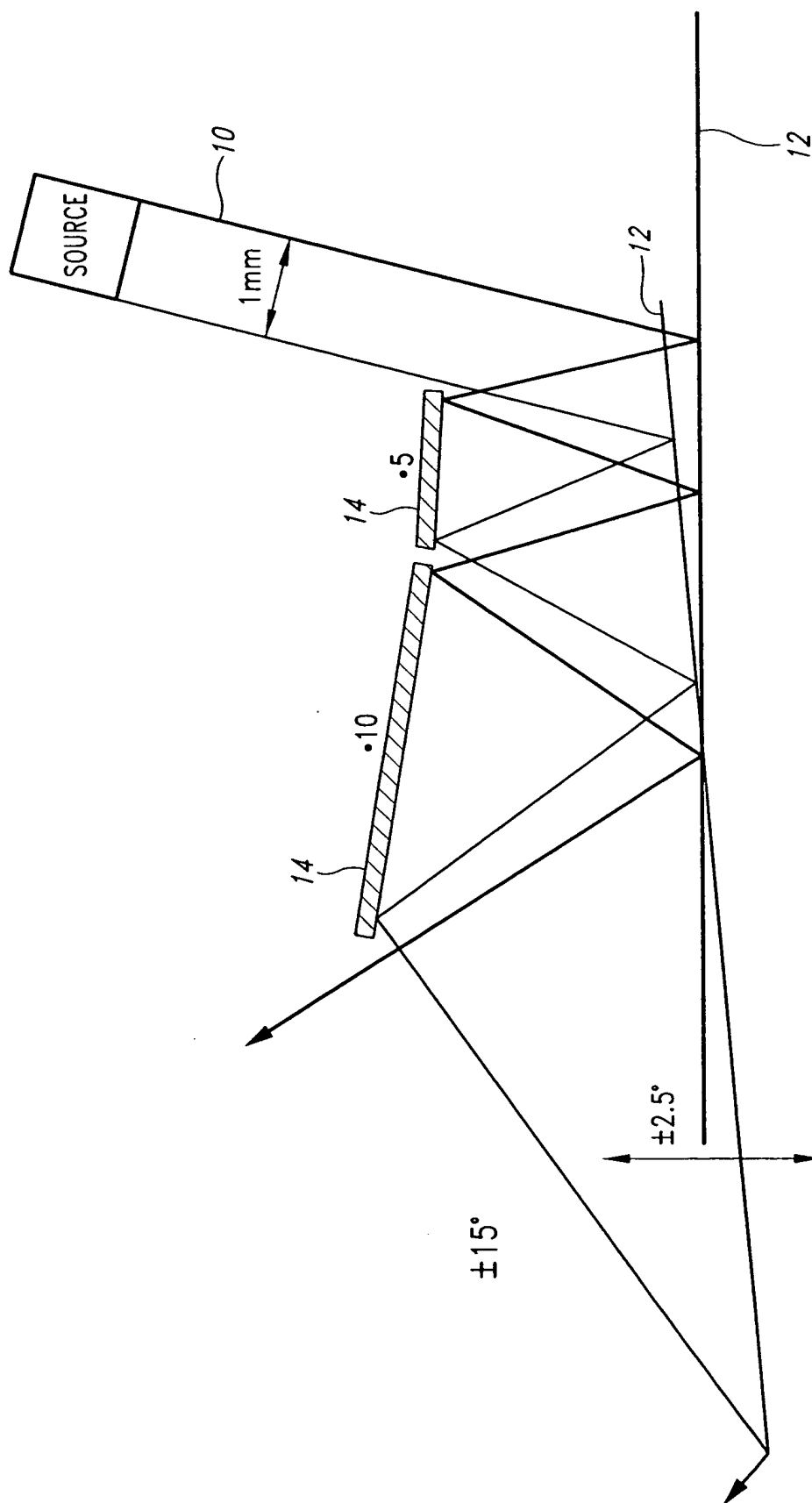


Figure. 3

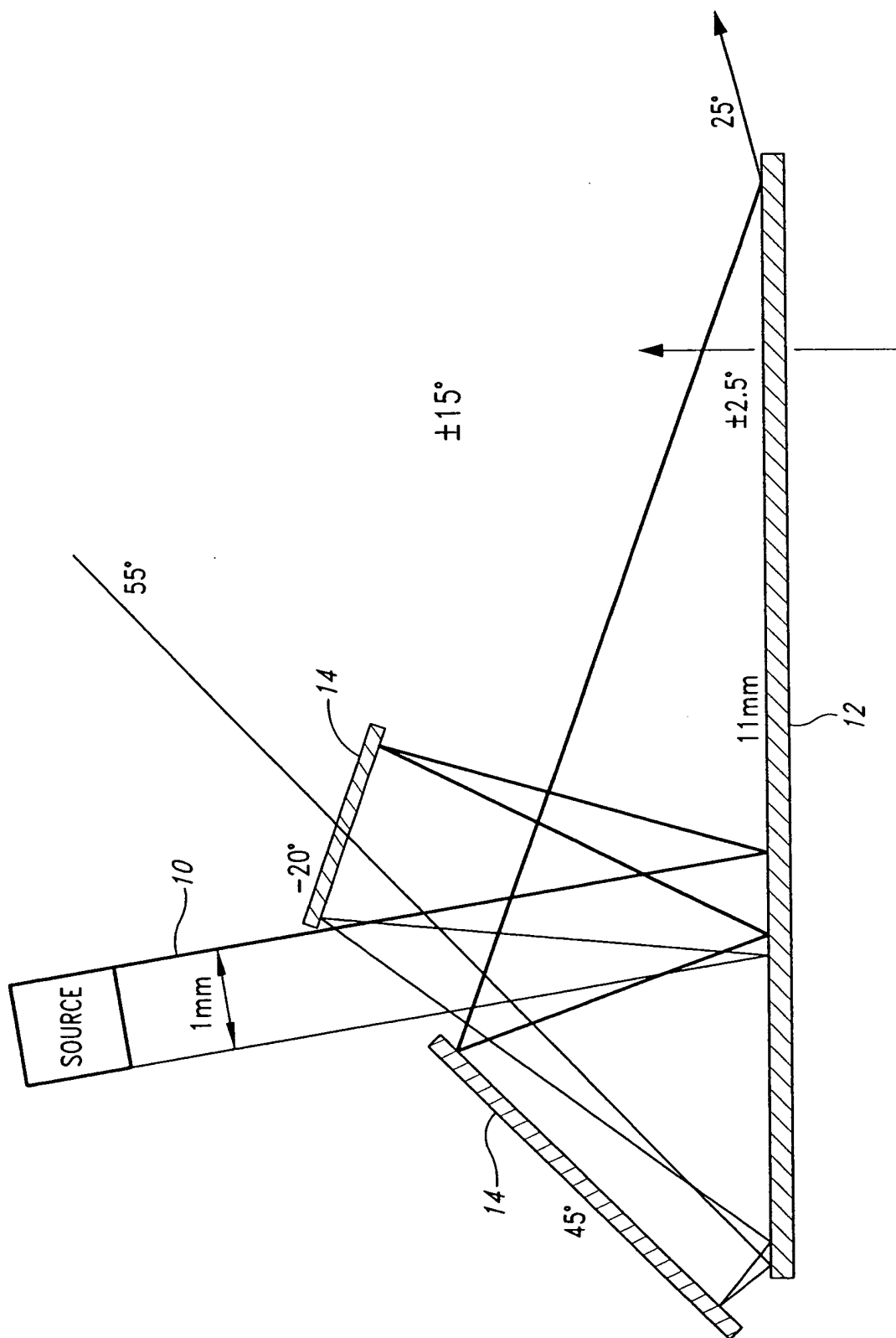


Figure. 4

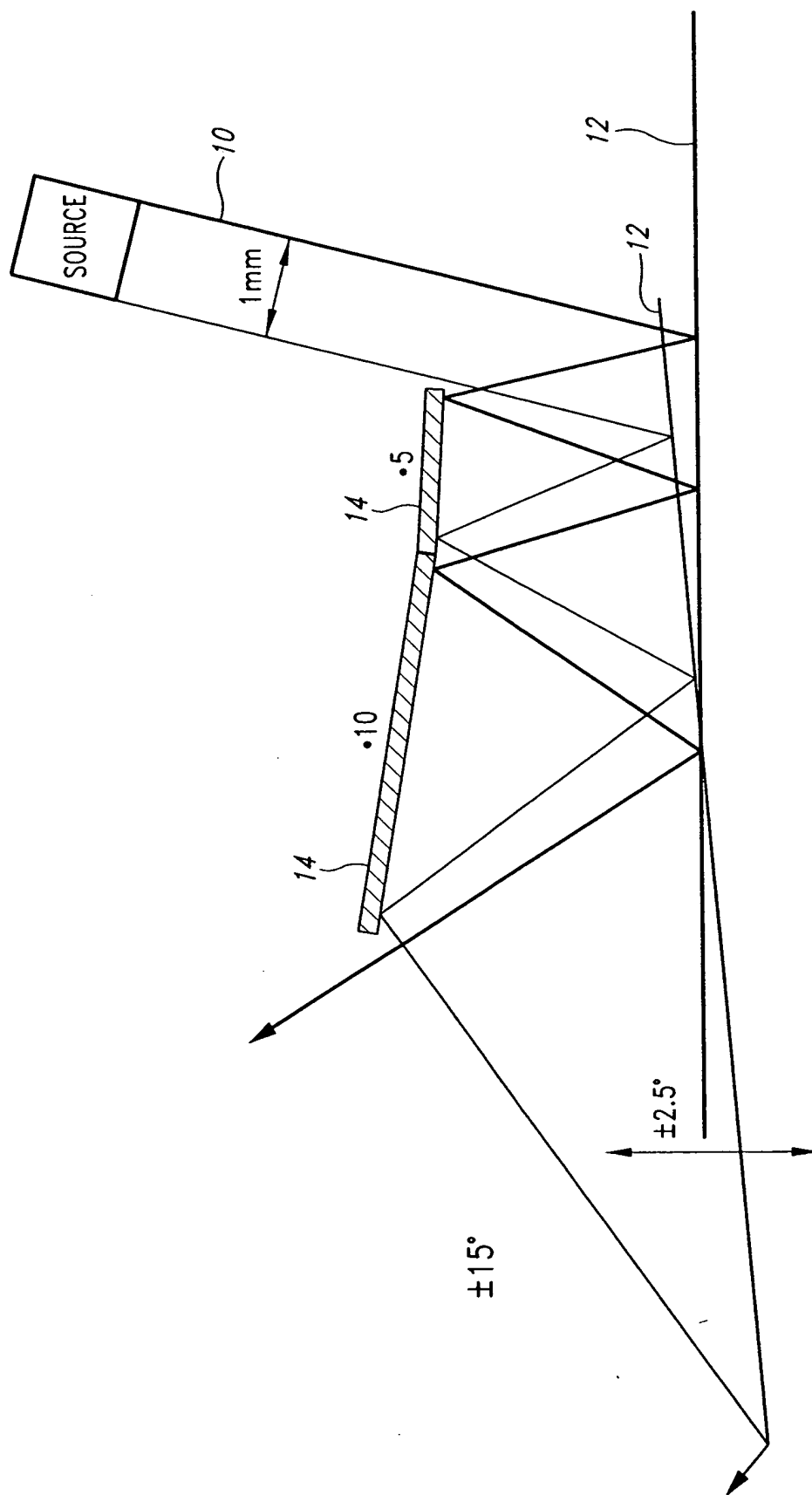


Figure. 5

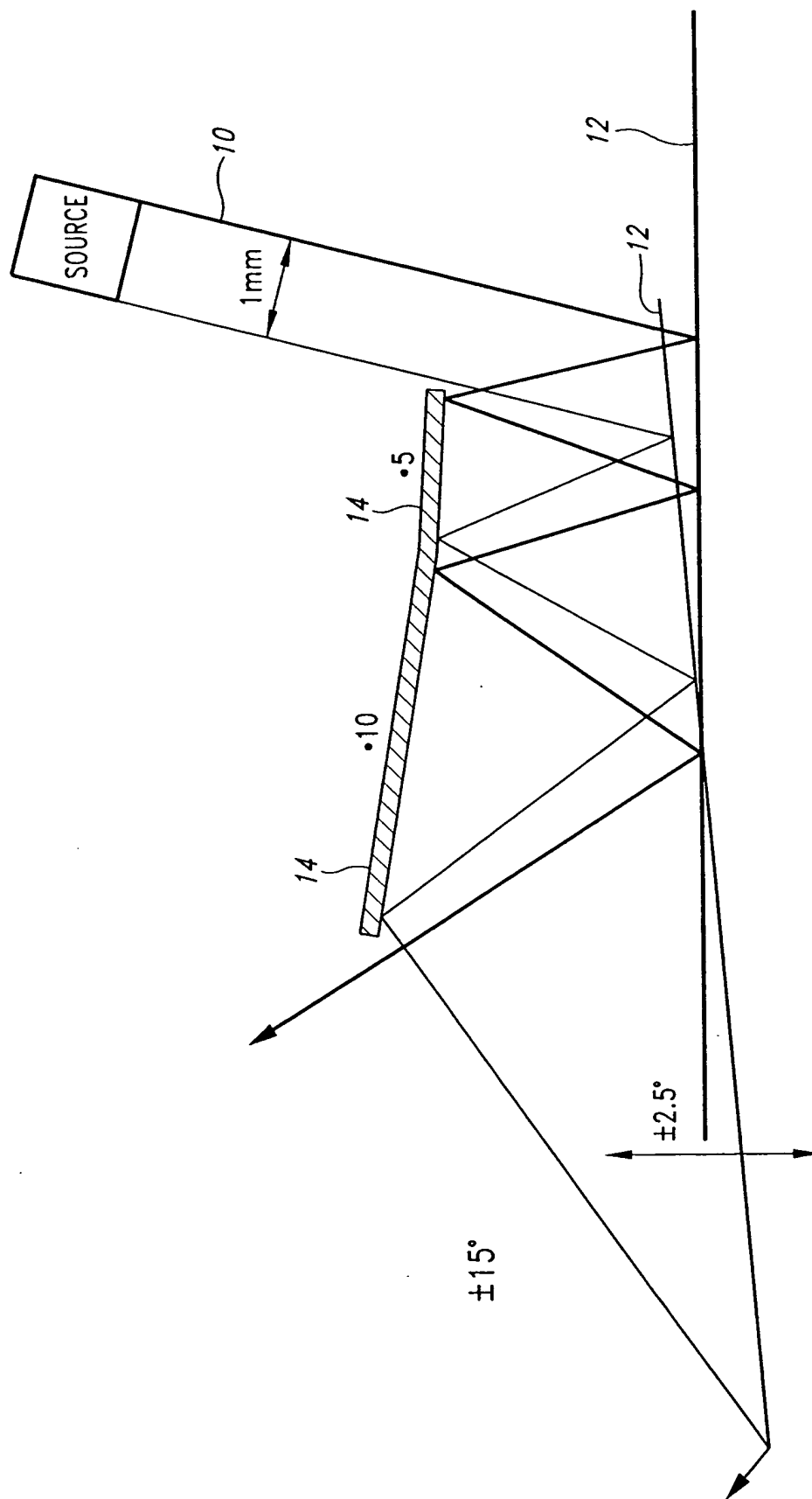


Figure. 6

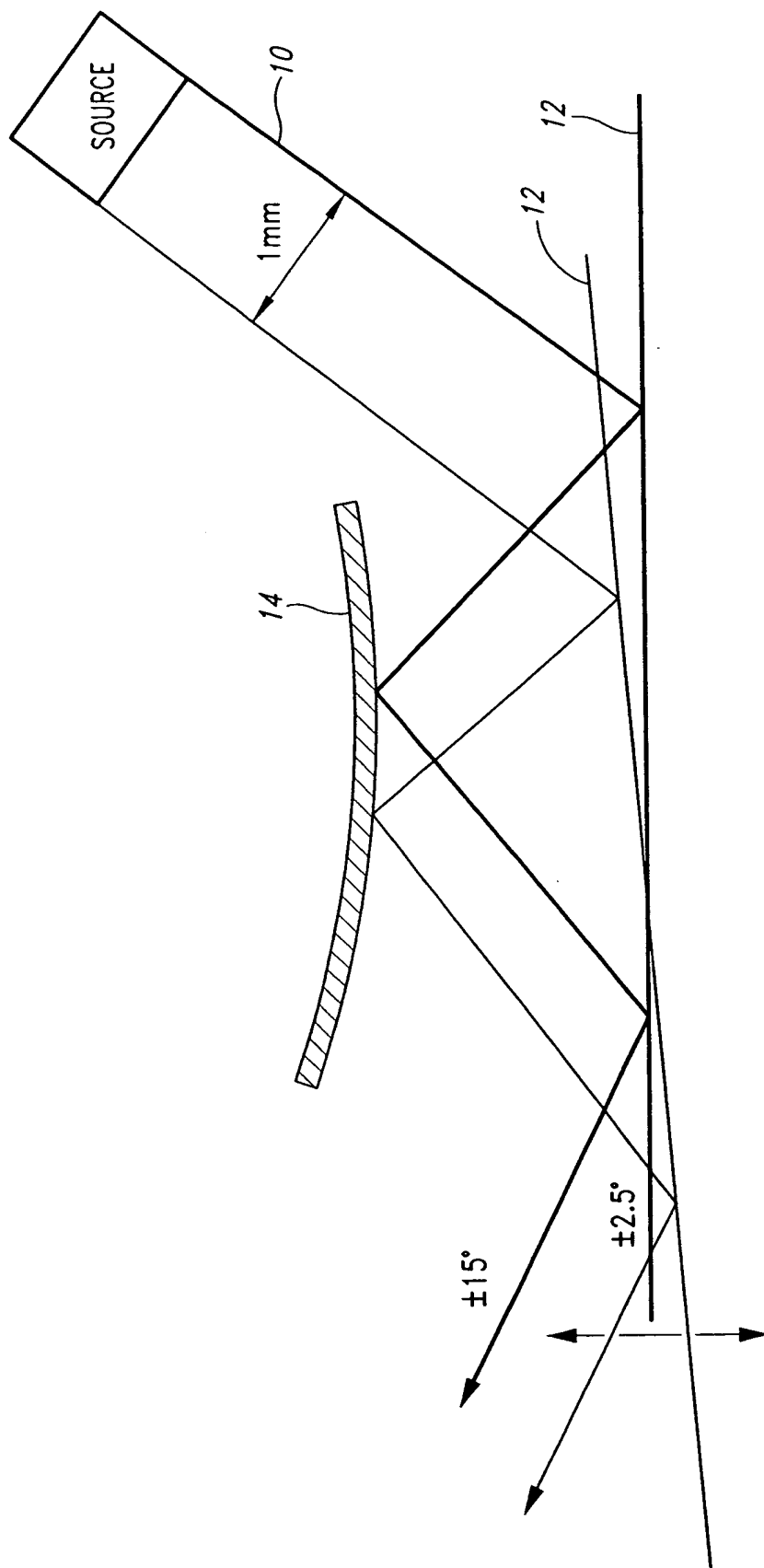


Figure. 7

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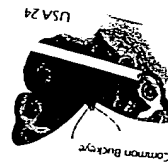
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SENT: October 17, 2006

Date Stamp



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Transmittal Form; Supplemental Amendment After Allowance; 7 Sheets of Replacement Drawings (Figs. 1-7); in re: Denis Jolivet, USAN 10/667,989, filed September 22, 2003, for METHOD AND APPARATUS FOR GENERATING AN ANGULAR SWEEP OF A DIRECTED PROPAGATION OF ELECTROMAGNETIC RADIATION.

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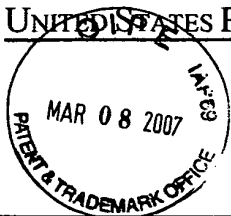




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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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10/667,989

09/22/2003

Denis Jolivet

48/062-40821

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EXAMINER

PHAN, JAMES

ART UNIT	PAPER NUMBER
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**Advisory Action
Before the Filing of an Appeal Brief**

Application No.

10/667,989

Applicant(s)

JOLIVET, DENIS

Examiner

James Phan

Art Unit

2872

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AMENDMENTS

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NOTE: _____. (See 37 CFR 1.116 and 41.33(a)).

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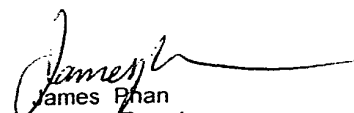
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REQUEST FOR RECONSIDERATION/OTHER

11. ☐ The request for reconsideration has been considered but does NOT place the application in condition for allowance because:

12. ☐ Note the attached Information Disclosure Statement(s). (PTO/SB/08) Paper No(s). _____

13. ☒ Other: See Continuation Sheet.


James Phan
Primary Examiner
Art Unit: 2872

Continuation Sheet (PTO-303)

Continuation of 13. Other: the amendment filed 10/17/06 has not been entered because the non-elected invention including claims 24-25 is not been canceled.
so, the amendment filed 8/30/06 has not been entered because it reinstates claim 19.



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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/667,989	09/22/2003	Denis Jolivet		1946

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EXAMINER

PHAN, JAMES

ART UNIT PAPER NUMBER

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**Advisory Action
Before the Filing of an Appeal Brief**

Application No.

10/667,989

Applicant(s)

JOLIVET, DENIS

Examiner

James Phan

Art Unit

2872

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NOTE: _____. (See 37 CFR 1.116 and 41.33(a)).


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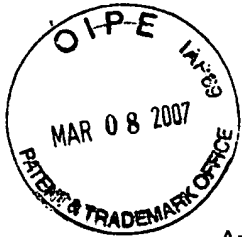
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13. ☒ Other: See Continuation Sheet.


James Phan
Primary Examiner
Art Unit: 2872

Continuation of 13. Other: the amendment filed 10/17/06 has not been entered because the non-elected invention including claims 24-25 has not been canceled.
Also, the amendment filed 8/30/06 has not been entered because it reinstates claim 19.



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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Denis Jolivet
Application No. : 10/667,989
Filed : September 22, 2003
For : METHOD AND APPARATUS FOR GENERATING AN
ANGULAR SWEEP OF A DIRECTED PROPAGATION OF
ELECTROMAGNETIC RADIATION

Examiner : James Phan
Art Unit : 2872
Docket No. : 481062.408C1

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

DECLARATION OF PHYLLIS T. TURNER-BRIM IN SUPPORT OF
PETITION FOR REVIVAL UNDER 1.137(b)

Commissioner for Patents:


1. I am a patent attorney (Registration number 39,864) with Intermec Technologies Corp.
2. I am personally aware of the facts recited in this declaration.
3. Intermec IP Corp. is a wholly owned subsidiary of Intermec Technologies Corp. and is the assignee of U.S. patent application Serial No. 10/667,989, filed on September 22, 2003 (hereinafter the subject application).
4. I transferred responsibility for the subject application from Keith H. Orum (Registration No. 33,985) of Orum & Roth LLC to Seed Intellectual Property Law Group PLLC between August 1, 2006, and August 23, 2006.
5. Seed Intellectual Property Law Group PLLC was instructed to maintain the pendency of the subject application.
6. On January 18, 2007, the U.S. Patent Office mailed an Advisory Action to Orum & Roth indicating that a Response submitted to the U.S. Patent Office on August 28,

2006, and a Response mailed to the U.S. Patent Office on October 17, 2006, were not entered. Correspondence attached as Exhibit 1.

7. The Advisory Action was stamped as being received by Orum & Roth on January 23, 2007. See Exhibit 1.
8. Orum and Roth forwarded a copy of the Advisory Action to Intermec Technologies Corp, which is stamped as being received on March 5, 2007, by Intermec Technologies Corp. See Exhibit 1.
9. I was not aware of the Advisory Action until after the subject application had become abandoned.
10. There was no intention to allow the subject application to become abandoned.

I further declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further, that these statements were made with the knowledge that the making of willfully false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

EXECUTED this 8TH day of March, 2007.


Phyllis T. Turner-Brim
Registration No. 39,864

Intermec Technologies Corp.
6001 36th Avenue West
Everett, WA 98203
Phone: 425-265-2480

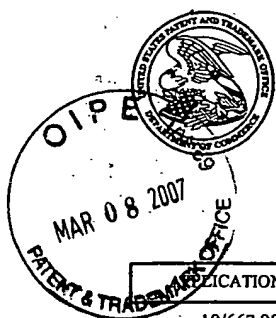
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EXAMINER

PHAN, JAMES

ART UNIT PAPER NUMBER

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Applicant(s)

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Examiner

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AMENDMENTS

an Ex parte Quayle office action

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James Phan
Primary Examiner
Art Unit: 2872

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